

# MATERIAL SAFETY DATA SHEET

## Radiator Specialty Company

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### MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

### US DEPARTMENT OF LABOR

Occupational Safety and Health Administration.  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

### SECTION I GENERAL INFORMATION

**PRODUCT NAME** OIL TREATMENT

**PART NUMBER** M3115

**NOTE:** Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

### SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	WT%	C.A.S. NO.	TLV (ACGIH-----OSHA-----)
Petroleum Lubricating Oil Base Stock	85-90	64742-18-3	Not Established
Ethylene/Propylene Co polymer	10-15	25190-87-8	Not Established
Zinc Compound *	< 1	19210-06-1	Not Established

\* This chemical is subject to reporting requirements of Section 313, Sara Title III.

#### Comments:

Components not identified are non-hazardous according to 29 CFR 1910.1200

### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Specific Gravity (H<sub>2</sub>O=1)</b> 0.86	<b>pH</b> N/A
<b>Solubility in Water</b> Insoluble	<b>Solubility in Solvent</b> Petroleum
<b>Flash Point (Method) - F<sup>0</sup></b> >212 (COC)	<b>% Volatiles By Wt.</b> Unknown
<b>Melting Point - F<sup>0</sup></b> Not Determined	<b>Boiling Point - F<sup>0</sup></b> 575
<b>Vapor Pressure (mm Hg)</b> < 0.1	<b>Vapor Density (Air=1)</b> Not Determined
<b>Evaporation Rate (Butyl Acetate=1)</b> N/A	
<b>Appearance and Odor</b> Clear Light yellow liquid with a mild odor.	

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

#### EXTINGUISHING MEDIA:

**Water Fog** X      **Foam** X      **CO<sub>2</sub>** X      **Dry Chemical** X

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained, positive pressure breathing apparatus and protective clothes. Water fog can be used to cool and protect exposed material. Water may cause splattering. Material will float on water.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

**SECTION V REACTIVITY DATA**

<b>Stable</b>	X	<b>Unstable</b>		<b>Corrosive</b>	No	<b>Hazardous Polymerization?</b>	Yes	No	X
<b>Incompatibilities</b> Keep away from temperatures in excess of 155°F and strong oxidizing agents									
<b>Hazardous Decomposition or Byproducts</b> Combustion will product carbon dioxide, carbon monoxide and hydrogen sulfide.									

**SECTION VI HEALTH HAZARD INFORMATION**

<b>Recommended TLV of Product</b>		5mg/m <sub>3</sub> (Mist)	
<b>EYE CONTACT</b>	Eye irritant	<b>SKIN CONTACT</b>	Mildly irritating.
<b>INHALATION,</b>	Mildly irritating	<b>INGESTION</b>	Minimal Toxicity
<b>OTHER</b>	None		

**SECTION VII EMERGENCY AND FIRST AID PROCEDURES**

<b>EYE CONTACT</b>	Flush eyes with water for 15 minutes while lifting eyelids and get prompt medical attention.								
<b>SKIN CONTACT</b>	Wash with soap and water. If irritation persists get prompt medical attention. Launder contaminated clothing before reuse.								
<b>INHALATION</b>	Move to fresh air, If breathing problems develop, get prompt medical attention.								
<b>INGESTION</b>	DO NOT INDUCE VOMITING,. Call Poison Control Center, Physician, or Hospital Emergency Room Immediately.								

**SECTION VIII SPECIAL PROTECTION INFORMATION**

	<b>CONSUMER</b>	<b>BULK HANDLING (Prolonged Exposure)</b>
<b>RESPIRATORY PROTECTION</b>	Not Needed	If TLV is exceeded, wear respirator
<b>VENTILATION</b>	Use with adequate ventilation	Use with adequate ventilation
<b>EYE PROTECTION</b>	N/A	Goggles or Full Face Shield Recommended
<b>PROTECTIVE CLOTHING</b>	N/A	Gloves, apron, and long sleeve shirt.

**SECTION IX PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>SPILL OR LEAK PROCEDURE :</b>	Contain spill, ventilate area, wipe up with rags or use dry absorbent. Transfer or shovel material into waste drums. Wear protective clothing.								
<b>WASTE DISPOSAL METHOD :</b>	<i>Dispose of in accordance with all applicable government laws and regulations.</i>								
<b>STORAGE AND HANDLING PRECAUTIONS:</b>	Store away from strong oxidizing agents. Store in a cool, well ventilated area away from incompatible materials. Keep away from heat and sources of ignition.								
<b>OTHER PRECAUTIONS:</b>	Keep away from Children and Animals.								

<b>HAZARD INFORMATION LABEL DATA</b>			
<b>HAZARD CODE</b>	<b>FLAMMABILITY</b>	<b>REACTIVITY</b>	
4- Extreme		1	
3- High			
2- Moderate			
1- Slight			
0- Negligible			
	<b>HEALTH</b>	1	<b>SPECIAL</b>

**Supersedes** SEPT. 2001  
**Title** Robert Geer - Chemist

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